Philips
LCD monitor with
LightFrame™ DR

19"
SXGA

190X6FB

LightFrame™ · Perfect Panel · 8ms · VGA dvi DualInput · USB Connectivity · Built-in POWERSUPPLY · SmartTouch · Lead Free!

design and performance count!

The ultimate display for your lifestyle! Ready to rock your world with stunning performance, the hot Philips 190X6 combines LightFrame™ Digital Reality for the multimedia adventure with cool, innovative cutting-edge design flair.

Outstanding front of screen performance

- LightFrame™ DR maximizes your on-screen experience
- ISO 13406-2 Class I compliant dot-defect-free display
- Fast 8ms On/off response time:Great text & graphics display
- SXGA 1280 x 1024 resolution for sharper display

Design that complements any interior

- Innovative, cutting-edge design makes a lifestyle statement!
- Ultra-modern SmartTouch controls

Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- USB port for convenient peripheral connections
- Enjoy multimedia experience with built-in speakers
- Embedded power supply eliminates external power adaptors
- Play music from external audio devices even if the PC is off
- CableGuide keeps cables in order and your space neat

Good Design
GOOD DESIGN AWARD 2004

PHILIPS
sense and simplicity

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19" SXGA

190X6FB/00

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19"/ 48 cm
- Effective viewing area: 376.3 x 301.1 mm
- Pixel pitch: 0.294 x 0.294 mm
- Brightness (nits): 300 nit
- Contrast ratio (typical): 700:1
- Display colors: 16 M
- Viewing angle: @ C/R > 5
- Viewing angle (H / V): 160 / 160 degree
- Response time (typical): 8 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum Resolution: 1280 x 1024 @ 60 Hz
- Factory Preset Modes: 15 modes
- User definable modes: 16 modes
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Picture enhancement: LightFrame™ Digital Reality
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, PC Audio in
- Audio output: Stereo Audio (3.5 mm jack) 1x
- USB: USB 2.0 x 1
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green

Convenience
- Built-in Audio: 3 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, Stand-alone audio, SmartControl
- Monitor Controls: Auto, Brightness Control, Left/ Right, Menu (OK), Up/Down, Volume control, LightFrame, Power On/Off
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, MPR-II, Low Emission, SEMKO, TÜV-Ergo
- Tilt: -5° to 20°

Accessories
- Included Accessories: AC Power Cord, Audio Cable, USB cable, VGA cable
- User Manual

Dimensions
- Dimensions (with base) (W x H x D): 444 x 436 x 181 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 7.2 kg

Power
- Complies with: E2000, Energy Star, NUTEK
- Consumption (On mode): 41 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

LightFrame™ DR
LightFrame™ Digital Reality is an integrated software and hardware solution for Philips high-end monitors that delivers high quality visual display enhancements to users through quick and convenient hardware or software interfaces.

PerfectPanel™
Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.

8ms response time (On/Off)
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

SmartTouch controls
SmartTouch controls are intelligent, ultra-responsive, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

USB 2.0 port
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. A port located on a monitor directly in the user's line of sight provides easy, high-speed connectivity for USB devices at a convenient location. (USB 2.0 support is dependent on your PC's USB configuration; when connected to a PC that supports USB 2.0, your monitor is USB 2.0 compatible)

Built-in speakers
Audio speakers built into a display device.

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